

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference P18405W01	<div style="display: flex; justify-content: space-between;"> <div>FOR FURTHER ACTION</div> <div>see Form PCT/ISA/220 as well as, where applicable, item 5 below.</div> </div>	
International application No. PCT/SE 2004/002051	International filing date (day/month/year) 30 December 2004	(Earliest) Priority Date (day/month/year) 21 January 2004
Applicant Telefonaktiebolaget LM Ericsson (publ)		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (see Box No. II)

3. ☐ Unity of invention is lacking (see Box No. III)

4. With regard to the title,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

Method and apparatus for providing quality of service
controlled link adaptation

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. 3

☐ as suggested by the applicant.

☒ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/002051

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04B 7/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04B, H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 20020141362 A1 (LIANGCHI ALAN HSU ET AL), 3 October 2002 (03.10.2002), [0008]-[0009];[0012]; [0017];[0024]-[0025];[0043];[0048]	1,13,16,20, 24
Y	--	2-12,14,15, 17-19,21-23, 25-28
X	US 20030161323 A1 (ATSUSHI HARADA ET AL), 28 August 2003 (28.08.2003), [0009]-[0010]; [0016]-[0020];[0026];[0029]-[0033]	1,13,16,20, 24
Y	--	2-4,6-12,17, 18,21-23, 25-27

☒ Further documents are listed in the continuation of Box C.
 ☒ See patent family annex.

* Special categories of cited documents:	* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 18 April 2005	Date of mailing of the international search report 22 -04- 2005
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Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. +46 8 666 02 86	Authorized officer Peter Hedman/MN Telephone No. +46 8 782 25 00
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INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE 2004/002051

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6647265 B1 (HAKAN OLOFSSON ET AL), 11 November 2003 (11.11.2003), column 1, line 19 - column 2, line 22 -- -----	2-12, 14, 15, 17-19, 21-23, 25-28

INTERNATIONAL SEARCH REPORT
Information on patent family members

01/04/2005

International application No.

PCT/SE 2004/002051

US	20020141362	A1	03/10/2002	US	20050007968 A	13/01/2005
				WO	02082829 A	17/10/2002
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US	20030161323	A1	28/08/2003	CA	2419906 A	28/08/2003
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US	6647265	B1	11/11/2003	AU	4966900 A	05/12/2000
				CN	1351790 A,T	29/05/2002
				EP	1179246 A	13/02/2002
				JP	2003500900 T	07/01/2003
				WO	0070831 A	23/11/2000
				AU	2138900 A	24/07/2000
				CN	1344477 A,T	10/04/2002
				EP	1142420 A	10/10/2001
				JP	2002538637 T	12/11/2002
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				WO	0041426 A	13/07/2000
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